

# INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP2004/007865

**A. CLASSIFICATION OF SUBJECT MATTER**

IPC 7 H01M4/04 H01M4/02 H01M8/10

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 H01M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)  
EPO-Internal, WPI Data, PAJ, COMPENDEX

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 02, 30 January 1998 (1998-01-30) -& JP 09 274909 A (DAINIPPON PRINTING CO LTD), 21 October 1997 (1997-10-21) abstract	7-13
Y	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 08, 30 June 1998 (1998-06-30) -& JP 10 064514 A (YUASA CORP), 6 March 1998 (1998-03-06) abstract	1-6
X	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 08, 30 June 1998 (1998-06-30) -& JP 10 064514 A (YUASA CORP), 6 March 1998 (1998-03-06) abstract	14-20
Y		1-6
		-/-

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

\* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

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"X" document of particular relevance; the claimed Invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed Invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the International search

16 August 2005

Date of mailing of the International search report

24/08/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 00/10736 A (SRI INTERNATIONAL; NARANG, SUBHASH; SHARMA, SUNITY; COX, PHILIP; VENTU) 2 March 2000 (2000-03-02) page 2, paragraph 2 page 6, line 12 - line 29 page 8, line 14 - line 17 page 9, line 5 - line 11 page 9, line 23 - line 26 page 10, line 1 - line 8 page 15, line 23 - page 18, line 10 page 24, line 4 - page 26, line 15 page 30, line 1 - page 31, line 4	1-6
A	EP 1 313 156 A (NISSAN MOTOR CO., LTD) 21 May 2003 (2003-05-21) cited in the application paragraph '0017!; figures	7-20
A		17-20

## INTERNATIONAL SEARCH REPORT

## Information on patent family members

International Application No

PCT/JP2004/007865

Patent document cited in search report	Publication date	Patent family member(s)		Publication date
JP 09274909	A 21-10-1997	NONE		
JP 10064514	A 06-03-1998	NONE		
WO 0010736	A 02-03-2000	AU 1602099 A CN 1314829 A EP 1113885 A1 JP 2002523892 T MX PA01001907 A WO 0010736 A1 US 6146716 A US 6855378 B1		14-03-2000 26-09-2001 11-07-2001 30-07-2002 15-05-2003 02-03-2000 14-11-2000 15-02-2005
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